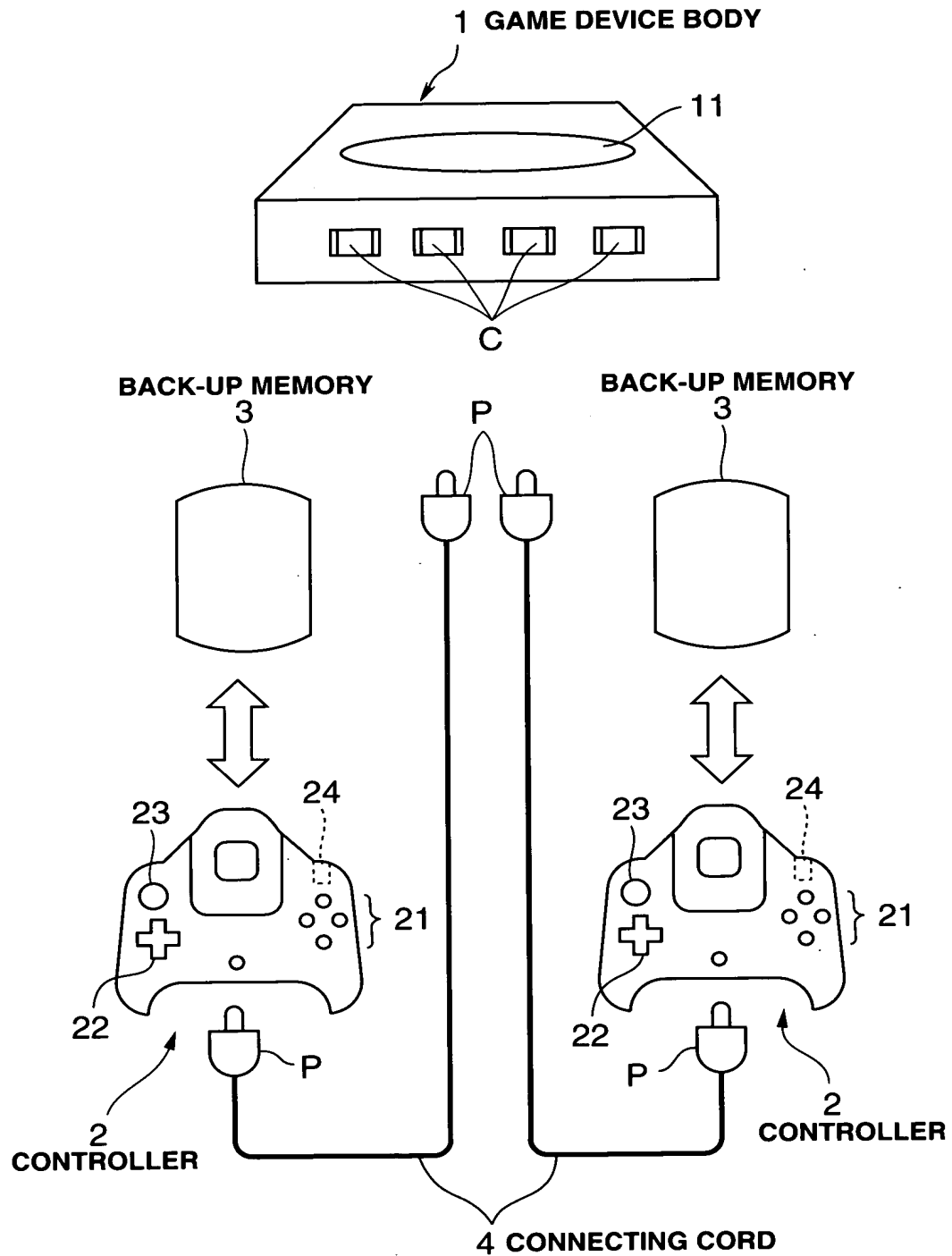


**FIG.1**



# FIG.2

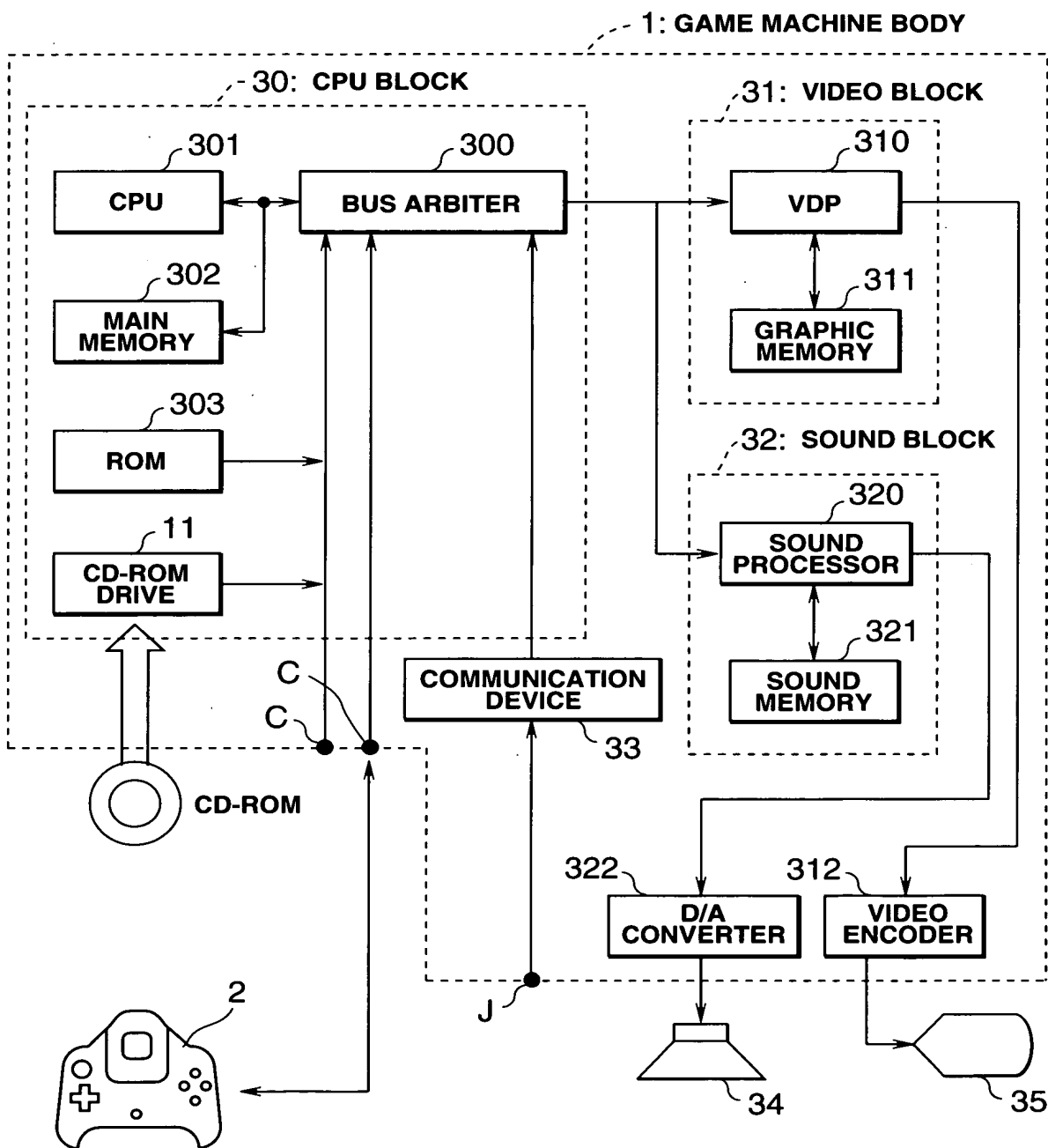
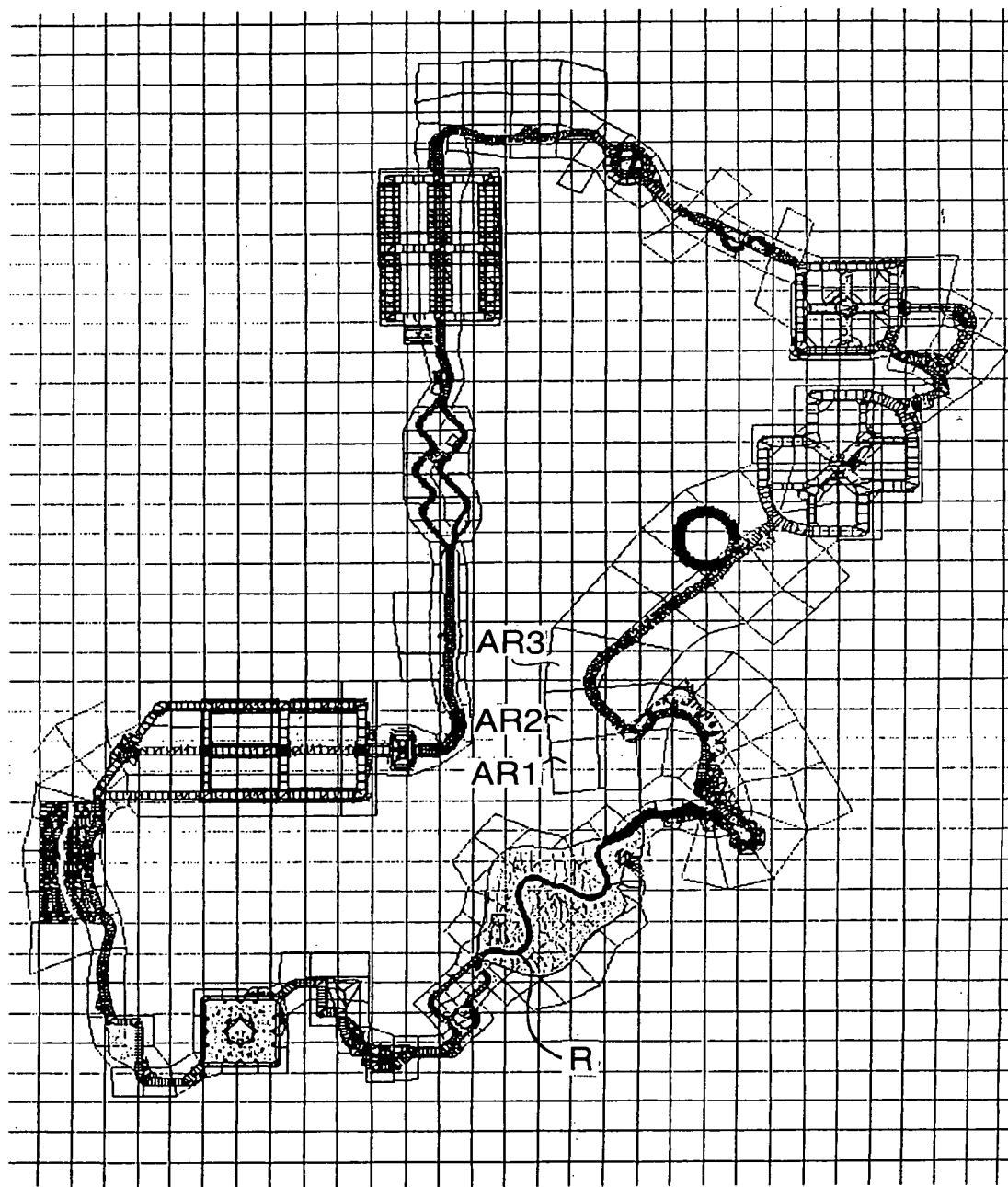


FIG.3



**FIG.4**

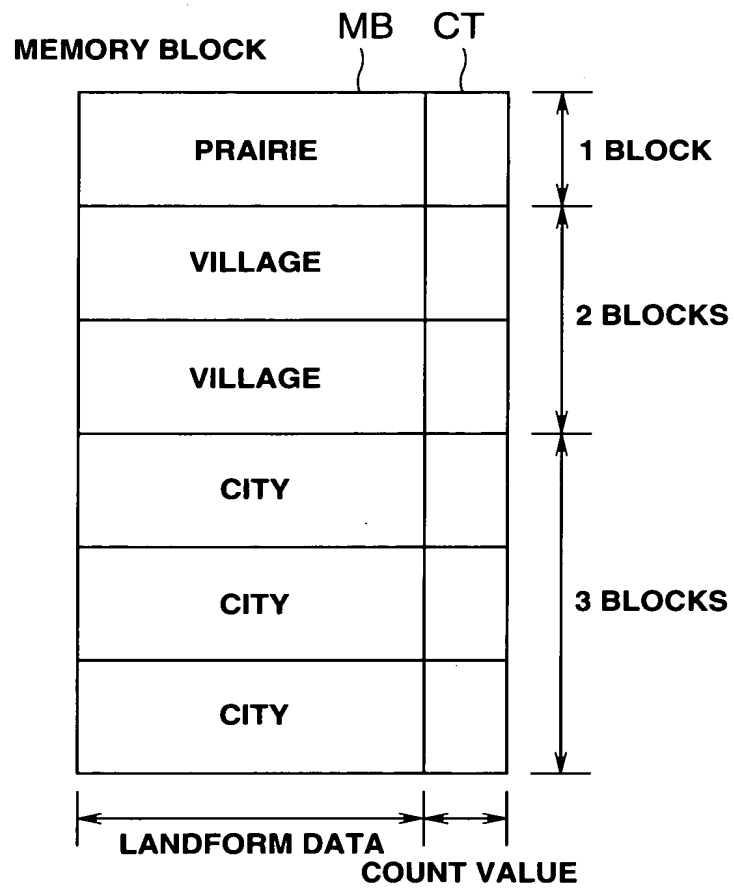
**LANDFORM MAP**

AR1	AR2	AR3	-----
PRAIRIE	VILLAGE	PRAIRIE	PRAIRIE
VILLAGE	VILLAGE	PRAIRIE	PRAIRIE
VILLAGE	CITY	VILLAGE	VILLAGE
CITY	CITY	VILLAGE	PRAIRIE
			AR16

**REQUIRED NUMBER OF MEMORY BLOCKS:**

**PRAIRIE : 1 BLOCK**  
**VILLAGE : 2 BLOCKS**  
**TOWN : 2 BLOCKS**  
**CITY : 3 BLOCKS**

**FIG.5**



**FIG.6**

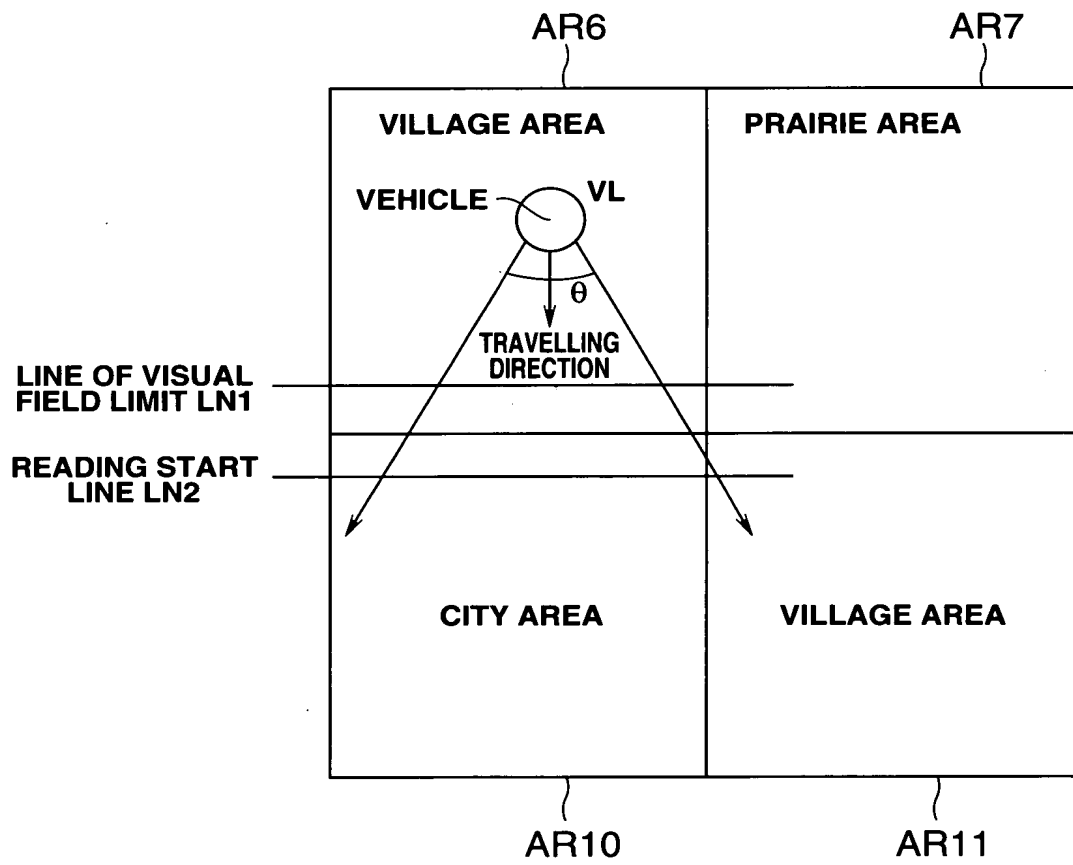
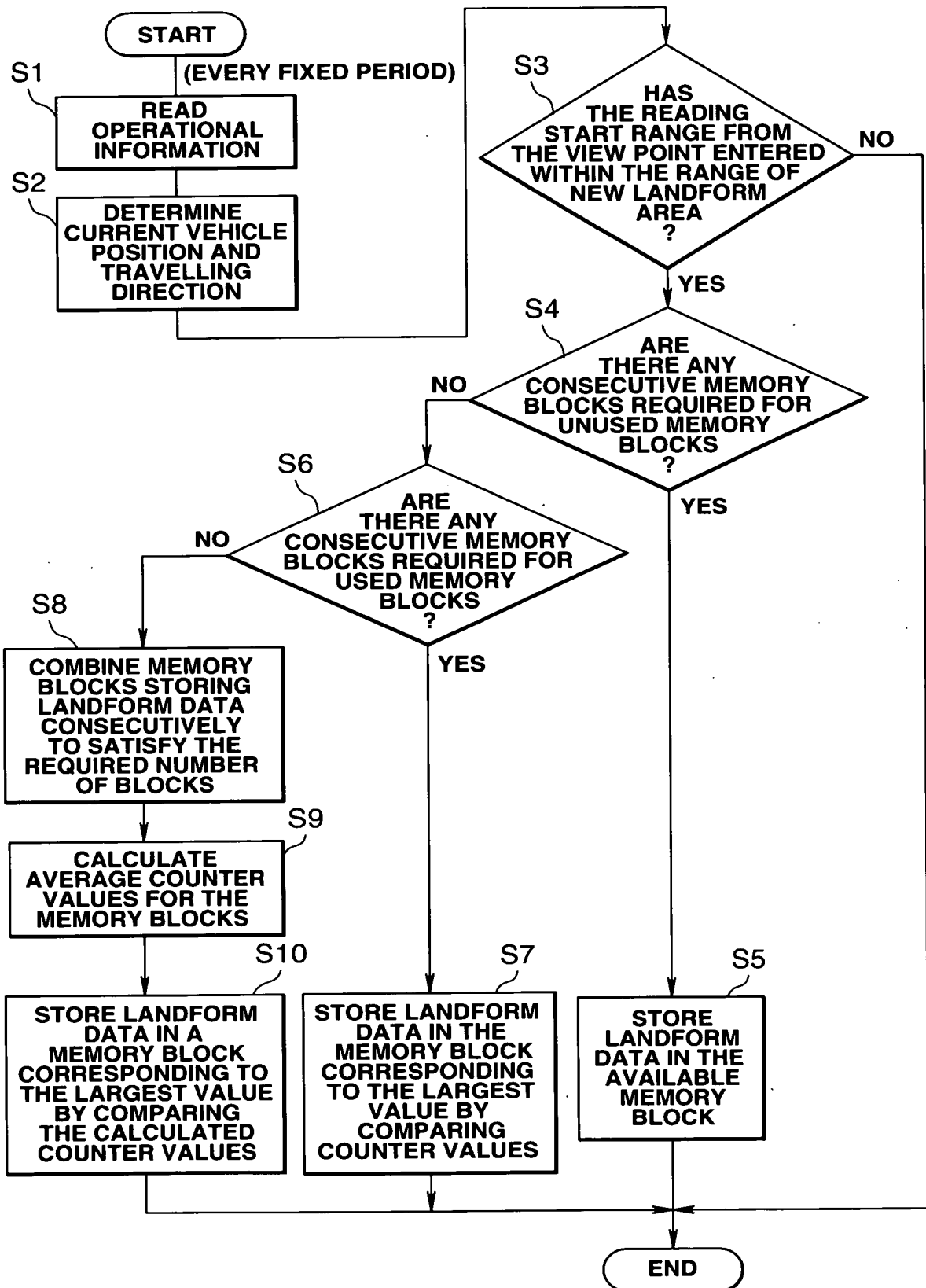


FIG.7



# FIG.8

BLOCK No.	1	2	3	4	5	6	7	8	9	10	11
COUNT VALUE	85	85	85	80	80	90	90	90	85	85	70
USAGE STATUS	○	— *	— *	○	— *	○	— *	— *	○	— *	○
BLOCK No.	12	13	14	15	16	17	18	19	20	21	22
COUNT VALUE	10	10	5	15	15	15	0	0	0	0	0
USAGE STATUS	⊙	— *	— ⊙	⊙	— *	— *	+	+	+	+	+
BLOCK No.	23	24	25	26	27	28	29	30	31	32	33
COUNT VALUE	0	0	0	0	0	0	0	0	0	0	0
USAGE STATUS	+	+	+	+	+	+	+	+	+	+	+

○ : PREVIOUSLY STORED    \* : CONSECUTIVE USAGE (" —" ALSO USED)  
 ⊙ : CURRENTLY IN USE    + : UNUSED

# FIG.9

BLOCK No.	1	2	3	4	5	6	7	8	9	10	11
COUNT VALUE	85	85	85	80	80	5	5	5	5	0	70
USAGE STATUS	○	— *	— *	○	— *	⊙	— *	— *	— *	+	○
BLOCK No.	12	13	14	15	16	17	18	19	20	21	22
COUNT VALUE	60	60	55	50	50	50	60	60	45	50	50
USAGE STATUS	○	— *	— ○	○	— *	— *	○	— *	○	○	— *
BLOCK No.	23	24	25	26	27	28	29	30	31	32	33
COUNT VALUE	40	40	40	40	30	30	30	20	20	10	10
USAGE STATUS	○	— *	— *	— *	○	— *	— *	○	— *	○	— *

○ : PREVIOUSLY STORED    \* : CONSECUTIVE USAGE (" —" ALSO USED)  
 ⊙ : CURRENTLY IN USE    + : UNUSED